LISTING OF CLAIMS:

1. (Currently amended) An oscillation type of micro gyro sensor ~~equipped with two vibrators~~, comprising:

two vibrators each having an individual resonance frequency and having a plurality of movable electrodes disposed on both sides of each vibrator in a specified direction;

a pair of monitoring ~~electrode~~ electrodes disposed to monitor ~~monitoring~~ a vibration of only one of the two vibrators to output a signal indicative of the monitored vibration and disposed to be opposed, with a gap, to part of the movable electrodes on both sides of the only one of the two vibrators respectively in the specified direction, the gap forming a capacitance having changes which are reflected in the signal from the monitoring electrodes;

a pair of driving electrodes disposed to be opposed to part of the movable electrodes on both sides of each of the two vibrators respectively in the specified direction, the pair of driving electrodes driving each of the two vibrators responsively to two driving signals of mutually opposite phases;

a signal processor receiving the signal from the pair of monitoring electrodes ~~configured~~ to provide the two driving signals to be sent respectively to the pair of driving electrodes of each of the two vibrators ~~drive the two vibrators in mutually opposite phases~~, by using the signal received from ~~said~~ the pair of monitoring ~~electrode; and~~ electrodes

~~a driving electrode, attached to both the two vibrators, driving both the vibrators on the basis of the two driving signals~~.

2. (Canceled)

3. (Currently amended) The gyro sensor according to ~~claim 2~~claim 1, wherein ~~the~~ an other one of the two vibrators has a second pair of monitoring electrodes on both sides of the vibrator in the specified direction, no electrical connection being made from the second pair of monitoring electrode to the signal processor.

4. (Currently amended) The gyro sensor according to claim 3, wherein said signal processor is provided with a differential amplifier receiving the signal from ~~each of~~ the pair of monitoring electrodes, a self-energizing oscillator self-oscillating based on a signal outputted from the differential amplifier, and an inverter inverting an oscillation signal outputted from the self-energizing oscillator into an inverted signal serving as one of the two driving ~~signal~~signals, the other of the two driving signals being composed of the oscillation signal itself outputted from the self-energizing oscillator.